ELECTRIC VEHICLE CHARGING STATION INSTALLATION & INCENTIVES

NJSGA

Donnelly Energy
A DIVISION OF DONNELLY CONSTRUCTION

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ABOUT DONNELLY ENERGY

Donnelly Energy is a premier energy efficiency firm dedicated to helping New Jersey businesses and local government entities “go green” and save green. With exceptional Direct Install turn-key services and utility resources, Donnelly’s mission is to offer the best and most cost-efficient upgrades that help commercial facilities in the Garden State reduce their carbon footprint and overall energy costs.

We’re here to help you and the environment – and make it as easy and affordable to do so as possible!

ABOUT DONNELLY CONSTRUCTION

Founded in 1977, Donnelly Construction is a leading general contractor, construction manager and property developer headquartered in Wayne, New Jersey. Our company has enjoyed steady growth for over 40 years thanks to our well-earned reputation for excellence, quality, integrity and a firm commitment to always exceeding our clients’ expectations.

DONNELLY'S SUPPORT FOR EV INFRASTRUCTURE

Donnelly Energy understands that your EV charging infrastructure must fit the needs of your club, employees, and patrons as they begin to adopt electric vehicles as their new form of transportation and commuting. With the experience and partnership of Donnelly Construction, we have developed a holistic approach to every EV infrastructure project we face.

A dedicated Donnelly Energy representative will provide you with expert advice and support, which include:

- Providing full turnkey support from identifying your energy supply status to installing the units and obtaining all rebates
- Educating your facility managers so they can address questions abut electric vehicle charging
- Supplying an educational package to support your team

PRE-INSTALLATION SUPPORT

- Assessing your current power supply capabilities
- Helping identify where to install the different types of charging stations (Level 2 & DC Fast Charging)
- Applying for all available rebates
- Identifying best hardware options to meet financial and operational requirements

INSTALLATION SUPPORT

Identifying suitable charging stations based on a location's needs

Procurement of Hardware

Obtaining permits

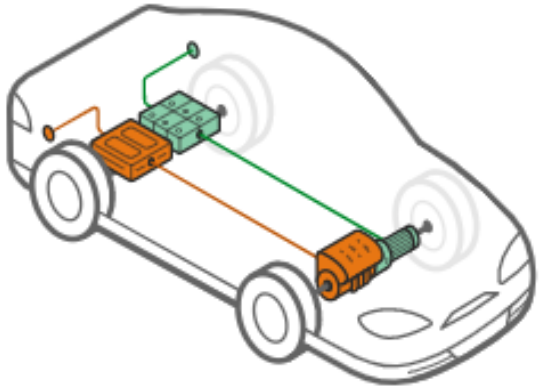
Scheduling installation

Managing installation of units

Ensuring project closeout

KNOWING YOUR EV OPTIONS

PLUG-IN HYBRID



Plug-in Hybrid Electric

Use both a gasoline engine and a battery-powered electric motor. The battery is charged by electricity generated by the brakes and by plugging in the car.

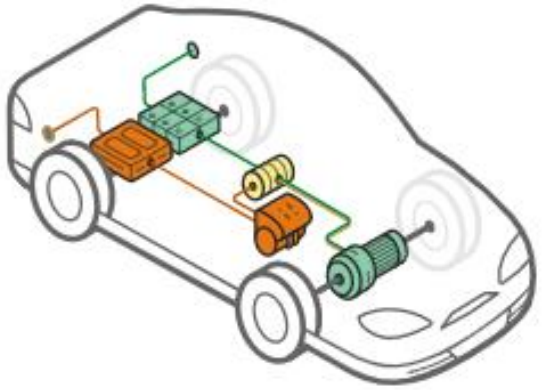
Audi A7 55 TSFI e Quattro
Plug-In Hybrid

Hyundai Santa Fe
Plug-In Hybrid

BMW 530e
530e xDrive

KNOWING YOUR EV OPTIONS

BATTERY-ELECTRIC



Battery-Electric

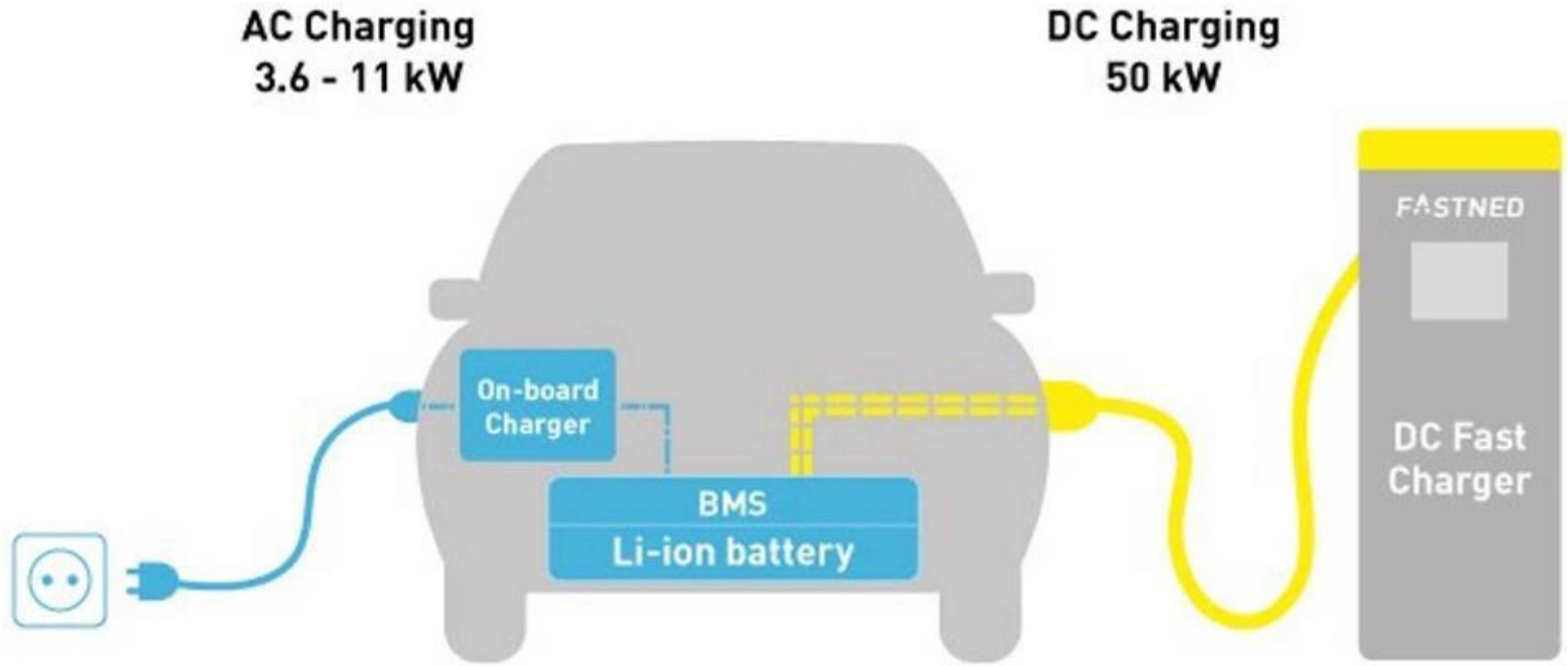
Also called all-electric vehicles, they rely solely on electric motors to make them go. Large batteries give them a longer range. They need to be plugged into a power source to charge.

2022 Polestar 2

2022 GMC Hummer EV Pickup

Tesla Model X

UNDERSTANDING LEVEL 2 VS DCFC



Confidential Information

KNOWING YOUR EV CHARGING STATIONS

Voltage
120V 1-Phase AC

Amps
12 – 16 Amps

Charging Loads
1.4 to 1.9 kW

Charge time for vehicle
3 – 5 miles of range per hour

Voltage
208V or 240V 1-Phase AC

Amps
12 – 80 Amps (Typ. 32 Amps)

Charging Loads
2.5 to 19.2 kW (Typ. 7kW)

Charge time for vehicle
20 - 50 miles of range per hour

Voltage
208V or 480V 3-Phase AC

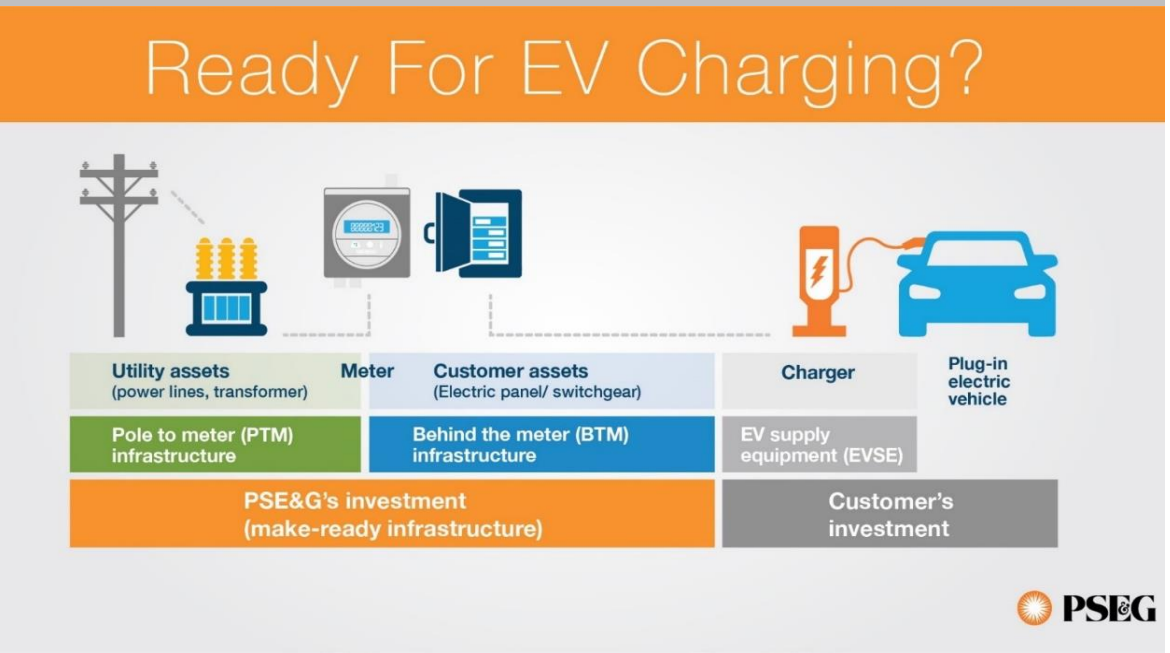
Amps
<125 Amps (Typ. 60 Amps)

Charging Loads
> 50kW

Charge time for vehicle
80% Charge in 20 – 30 minutes

EV CHARGING STATION INCENTIVES IN NJ

PSE&G



Level 2 mixed-use commercial charging customers are eligible for:

- Up to $30,000* toward the behind the meter installation of commercial Level 2 chargers
- Up to $10,000 for pole to meter utility service upgrades (if needed)
- *Note: the incentive is calculated based on the number of chargers installed; this subprogram offers up to $7,500 per charger installation for up to 4 chargers per site.

Public DC fast charging (DCFC) customers are eligible for:

- Up to $100,000** per site for behind the meter installation costs for DCFC chargers
- Up to $50,000 of pole to meter utility service upgrades (if needed)
- Demand Charge Rebates to help lower your electricity bill
- **Note: the incentive is calculated based on the number of chargers installed; this subprogram offers up to $25,000 per charger installation for up to 4 chargers per site.

EV CHARGING STATION INCENTIVES IN NJ

atlantic city electric®

An Exelon Company

Atlantic City Electric's evsmart make-ready programs provide rebates toward electrical infrastructure at EV parking locations to facilitate easy and cost-efficient installation of EV chargers. Eligible expenses include those related to service panels, junction boxes, conduit, wiring, etc., necessary to make a particular location able to accommodate EV charging equipment on a "plug and play" basis. All eligible projects must prove installation started after February 17, 2021.

- <u>Level 2 commercial program:</u>
- Covers 50% of make-ready costs up to $4,500 per Level 2 port, maximum 10 ports per site.

- <u>Public DC fast charging incentives:</u>
- Covers 90% of make-ready costs up to $60,000 per charger, maximum 2 chargers per site.

EV CHARGING STATION INCENTIVES IN NJ

Orange & Rockland

*per eligible electric vehicle supply equipment connector.

You may be eligible for Orange and Rockland's Electric Vehicle Charging Per-Plug Incentive if you have direct current, fast-charge electric vehicle supply equipment that meets the following requirements:

- Charger connection with a minimum output of 50 kW in a single- or parallel-output configuration.
- Charger connector with either an SAE CCS, or CHAdeMO standard.
- Publicly accessible electric vehicle charging, which includes access available to the general public without restriction or fees for parking.
- Stations constructed after March 1, 2019.

Annual Incentive Amounts*

Each connector (i.e., plug) that meets the requirements of the program is eligible for an annual incentive payment.

	2019	2020	2021	2022	2023	2024
50 kW to 74 kW	$6,600	$5,657	$4,714	$3,771	$2,828	$1,885
>75 kW	$11,000	$9,428	$7,857	$6,285	$4,714	$3,142

Incentive Availability and Queue Status:

The program is approved for up to $1.6 million or up to 40 individual EVSE plugs enrolled over seven years. Incentives are available on a first-come, first-served basis.

EV CHARGING STATION INCENTIVES IN NJ

Jersey Central Power & Light
A FirstEnergy Company

PROGRAM COMING SOON

JCP&L's EV Driven Program will soon be launching, designed to be responsive to its customers' needs, support the attainment of the State's goals for EV deployment and the reduction of greenhouse gas emissions, address critical adoption barriers for EV transportation by providing education and outreach, and provide EV infrastructure solutions to reduce range anxiety.

Some of its commercial offerings include:

Mixed-Use Commercial Customer Sub-program		
Public/Community-based Component	Incentive of up to $6,700 on up to 500 qualified smart L2 charger ports	$3,350,000
Workplace Component	Incentive of up to $6,700 on up to 100 qualified smart L2 charger ports	$670,000
DCFC Public Charging Sub-program		
Customer Make-Ready Incentive	Incentive of up to $25,000 on up to 200 qualified DCFC public charger ports	$5,000,000
Utility Make-Ready Work	Utility work at approximately 100 charger locations at $50,500 each (assumes 2 charging ports/location)	$5,050,000
Demand Charge Credit	Reduced demand charges - 50% in 2022 & 2023; 25% in 2024; 0% 2025	$1,169,000

EV CHARGING STATION INCENTIVES IN NJ

drive green new jersey

It Pay$ to Plug in:

The It Pay$ to Plug in program offered by the New Jersey Department of Environmental Protection provides grants to offset the cost of purchasing electric vehicle charging stations. The program is designed to expand New Jersey's growing network of electric vehicle infrastructure, allowing residents, businesses, and government agencies to purchase and drive electric vehicles. EVs dramatically reduce vehicle emissions and improve air quality for everyone.

- Applications for Level 1 and Level 2 charging stations are being accepted now and will be considered on a first-come, first-served basis.

Upon completion of work in accordance with the eligibility criteria, NJDEP will reimburse each applicant for a percentage of eligible costs, up to a maximum of:

- $750 per Level 1 charging port;
- $4,000 per Level 2 charging port;
- $200,000 per DC Fast Charger location (2 port minimum).
- eMobility reimbursements will vary depending on location and availability to the public.

ANY QUESTIONS?

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